

Abstract of the Disclosure

A disc-drive system and method for generating logical zones that each have an approximate number of spare sectors, and that are used to translate logical block  
5 addresses. A disc drive includes a disc-drive housing and a disc assembly mounted to rotate within the housing. A transducer is positionable to transduce data to and from first, second and third zones. An address translator translates a logical block address to a position address. A controller is operable to control positioning of the transducer based on the position address, wherein a first predetermined number of  
10 spare sectors are allocated to the first zone, and a second predetermined number of spare sectors are allocated to the second zone and third zone combined. Some embodiments further include a logical zone table, wherein each logical zone includes one or more zones based on a number of defects found in each zone, in order that each logical zone includes a similar number of defects.

"Express Mail" mailing label number: EL671640414US

Date of Deposit: October 12, 2001

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to BOX PATENT APPLICATION the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

---